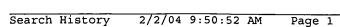
L Number	Hits	Search Text	DB	Time stamp
1	325	(ccd adj sensor) with laser	USPAT;	2004/02/02 09:35
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
2	179	(ccd adj sensor) with laser	USPĀT	2004/02/02 09:45
3	5755	triangulation	USPAT	2004/02/02 09:47
4	31180	position adj sensor	USPAT	2004/02/02 09:47
5	0	((ccd adj sensor) with laser) and	USPAT	2004/02/02 09:45
		triangulation and (position adj sensor)		
6	7	((ccd adj sensor) with laser) and	USPAT	2004/02/02 09:46
		triangulation		
7	15	((ccd adj sensor) with laser) and	USPAT	2004/02/02 09:46
		(position adj sensor)		
8	9922	triangulation	USPAT;	2004/02/02 09:47
		-	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
9	61197	position adj sensor	USPAT;	2004/02/02 09:47
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
10	1	((ccd adj sensor) with laser) and	USPAT;	2004/02/02 09:47
		triangulation and (position adj sensor)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	l



DERWENT-ACC-NO:

1975-C8136W

DERWENT-WEEK:

197511

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TITLE:

Continuous measurement of tool wear

during machining -

by using an edge on the workpiece to

reflect a laser beam

PATENT-ASSIGNEE: U RADTKE [RADTI]

PRIORITY-DATA: 1974DD-0176690 (February 20, 1974)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

DD 110348 A

December 12, 1974

N/A

000

N/A

INT-CL (IPC): G01N003/56

ABSTRACTED-PUB-NO: DD 110348A

BASIC-ABSTRACT:

The edge of the workpiece formed by the surface being cut and the previously

machined surface is used as a light beam divider and the change in brightness

due to displacement of this edge is taken as a measure of tool wear. The light

beam is pref. a laser beam.

TITLE-TERMS: CONTINUOUS MEASURE TOOL WEAR MACHINING EDGE WORKPIECE REFLECT

LASER BEAM

DERWENT-CLASS: S03